## Vector semi-rational soliton solutions

Antonio Degasperis

Department of Physics, Sapienza University of Rome and INFN, sezione di Roma, Piazzale Aldo Moro 2, 00185 Roma, Italy email: antonio.degasperis@roma1.infn.it

## Abstract:

We discuss the Darboux construction of rational solutions of vector integrable wave equations in 1+1 dimensions. Particular examples of such equations which are of interest in applications are considered together with their rational solutions.

## **References:**

Degasperis A, Lombardo S (2013). Rational solutions of wave resonant interaction models. (to be submitted)